Title (en)
METHOD AND APPARATUS FOR DESIGNING THREE-DIMENSIONAL CONTAINER

Title (de)
KONZIPIERUNGSVERFAHREN UND -VORRICHTUNG DREIDIMENSIONALER BEHÄLTER

Title (fr)
PROCEDE ET APPAREIL DE CONCEPTION DE CONTENEURS TRIDIMENSIONNELS

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Abstract (en)
[origin: WO8700320A1] A design method wherein the shape of a three-dimensional container is determined by taking into consideration the amount of contents of the container and the amount of material necessary for producing the container and wherein a two-dimensional image is prepared to express and evaluate conditions where the containers, the shape of which is determined, is labelled. The design is carried out by using a computer and various input/output devices. This invention discloses a design method which is well adapted especially to determining the shape of a container that has the shape of a body of rotation. The shape is determined by using a coordinate input device. Besides, the invention provides means for two-dimensionally expressing a three-dimensional object and, particularly, means for two-dimensionally expressing a labelled three-dimensional container. The invention further employs a particular algorithm to express the feeling of material of the container in case of making the two-dimensional expression. The invention also provides a method of forming vector data of a particular character font, which is adapted to the operation for providing the three-dimensional container with a label that contains characters.

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